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**INFORMATION DISCLOSURE
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Sheet 1

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Application Number	09/976,642
Filing Date	October 11, 2001
First Named Inventor	Robert E. Haines et al.
Art Unit	3625
Examiner Name	Robert M. Pond
Attorney Docket Number	PDNO. 10007583-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,305,199	4/1994	LoBiondo et al.	
		US- 5,445,295	8/1995	Brown	
		US- 5,517,617	5/1996	Sathaye et al.	
		US- 4,001,743	1/4/1977	Arnhold	
		US- 6,895,588	5/2005	Ruberg	
		US- 6,522,421	2/2003	Chapman et al.	
		US- 6,484,182	11/2002	Dunphy et al.	
		US- 6,963,851	11/2005	Szabo et al.	
		US- 6,012,098	1/4/2000	Bayeh et al.	
		US- 6,341,271	1/2002	Salvo et al.	
		US- 5,077,582	12/1991	Kravette et al.	
		US- 6,144,945	211/2000	Garg et al.	
		US- 6,301,449	10/2001	Miura	
		US- 6,757,714	6/2004	Hansen	
		US- 6,023,593	2/2000	Tomidokoro	
		US- 6,233,409	5/2001	Haines et al.	
		US- 6,418,416	7/2002	Rosenberg et al.	
		US- 6,430,711	8/2002	Sekizawa	
		US- 6,952,731	10/2005	Picca et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 19618962	11/13/1997	KD Software- English Abst		
		EP1085442 A2	3/21/2001	Xerox Corporation		
		EP1085442 A3	3/21/2001	Xerox Corporation (English Abstract)		
		JP 2000187698	7/4/2000	Ricoh (Full Reference)		
		JP 2000187698	7/4/2000	Ricoh (Full Translation)		
		DE 19704694	8/14/1997	Ricoh (English Abstract)		

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		Number-Kind Code ² (if known)			
		US- 5,580,177	12/1996	Gase et al.	
		US- 6,345,294	2/2002	O'Toole et al.	
		US- 6,426,799	7/2002	Okimoto et al.	
		US- 6,424,424	7/2002	Lomas et al.	
		US- 6,690,481	2/2004	Yeung et al.	
		US- 6,628,415	9/2003	Lawrence et al.	
		US- 5,647,056	7/1997	Barrett et al.	
		US- 5,613,160	3/1997	Kraslavsky et al.	
		US- 6,519,632	2/2003	Brckett et al.	
		US- 6,375,298	4/23/2002	Purcell et al.	
		US- 6,629,134	9/2003	Hayward et al.	
		US- 6,317,750	11/2001	Uchida et al.	
		US- 6,308,205	10/2001	Carcerano et al.	
		US- 6,782,474	8/2004	Ylonen	
		US- 5,838,907	11/1998	Hansen	
		US- 5,537,626	7/1996	Kraslavsky et al.	
		US- 5,768,583	6/1998	Orzol et al.	
		US- 6,023,585	2/2000	Perlman et al.	
		US- 6,006,279	12/1999	Hayes	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 10269107	10/9/1998	Satoo (English Abstract)		
		WO 00/55740	9/21/2000	Kent Ridge Digital Labs		
		WO 00/01138 A2	1/6/2000	Fotonation, Inc.		
		GB 2360658A	9/26/2001	Hewlett - Packard Co.		
		WO 01/67267 A1	9/13/2001	Jones		

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		Number-Kind Code ² (if known)			
		US- 6,112,235	8/2000	Spofford	
		US- 6,101,407	8/2000	Groezeinger	
		US- 5,956,487	9/1999	Venkatraman et al.	
		US- 6,115,737	9/2000	Ely et al.	
		US- 6,668,376	12/23/2003	Wang et al.	
		US- 6,779,004	8/2004	Zintel	
		US- 5,960,214	9/1999	Sharpe et al.	
		US- 6,804,718	10/2004	Pang et al.	
		US- 6,591,358	7/2003	Jaffrey	
		US- 6,327,613	12/2001	Goshey et al.	
		US- 5,935,228	8/1999	Shinomura	
		US- 5,819,107	10/1998	Lichtman et al.	
		US- 6,754,829	6/2004	Butt et al.	
		US- 6,674,764	1/2004	Garland et al.	
		US- 6,405,204	6/2002	Baker et al.	
		US- 2003/0072027 A1	4/17/2003	Haines et al.	
		US- 2002/0112080 A1	8/15/2002	Millin et al.	
		US- 2002/0196463 A1	12/2002	Schlonski et al.	
		US- 2003/0074427 A1	4/17/2003	Haines et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		EP 0843268 A2	5/1998	Danknick et al.		
		EP 01039692 A2	9/2000	Kumpf et al.		
		EP 0685768 A1	12/1995	Lindenmayer		
		GB 2371892 A	8/7/2002	Hewlett - Packard Co.		
		EP 0847008 A2	6/10/1998	Hewlett - Packard Co.		
		EP 0838768 A2	4/29/1998	Hewlett - Packard Co.		

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		Number-Kind Code ² (if known)			
		US- 2003/0074428 A1	4/17/2003	Haines et al.	
		US- 2003/0074547 A1	4/17/2003	Haines et al.	
		US- 2003/0074442 A1	4/17/2003	Haines et al.	
		US- 2006/0028682 A1	2/9/2006	Haines et al.	
		US- 2002/0059415 A1	5/2002	Chang et al.	
		US- 2002/0065873 A1	5/2002	Ishizuka	
		US- 2002/0181010 A1	12/2002	Pineau	
		US- 2002/0198969 A1	12/2002	Engel et al.	
		US- 2007/0022180 A1	1/2007	Cocotis et al.	
		US- 2002/0100036 A1	7/2002	Moshir et al.	
		US- 2002/0078377 A1	6/2002	Chang et al.	
		US- 2003/0137188 A1	7/2003	Brown	
		US- 2002/0078200 A1	6/2002	Helms	
		US- 2003/0037122 A1	2/2003	Picca et al.	
		US- 2003/0200301 A1	10/2003	Trzcinko et al.	
		US- 6,581,092	6/2003	Motoyama et al.	
		US- 6,108,099	8/2000	Ohtani	
		US- 6,222,538	4/2001	Anderson	
		US- 6,892,317	5/2005	Sampath et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 2371129	7/17/2002	Haines et al.		
		WO 02/27527 A1	4/4/2002	Katz et al.		
		WO 02/31741 A1	4/18/2002	Istvan		
		EP 1239407 A2	9/11/2002	Van Meijs		
		EP 1239407 A3	9/11/2002	Van Meijs (English Abstract)		
		JP 10301800	11/13/1998	Ricoh (English Abstract)		

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NON PATENT LITERATURE DOCUMENTS

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		S/N: 09/648,664; filed 8/25/2000; "Hardcopy Output Engine Consumable Supply Management and Method"; PDNO. 10003345-1; 19 pp.	
		"How Ethernet Works"; http://computer.howstuffworks/ethernet.htm/printable ; 1998; 9 pp.	
		Efficient configuration data transmission scheme for FPGA-based downloadable software radio communication systems; Honda et al.; IEEE VTC 54th, vol. 3, 10/2001; pp. 1388-1382.	
		GB 0119834.0; UK Search Report; 5/29/2002; 3 pp.	
		Mimeo Homepage; http://web.archive.org/web/20010712203858/http://www.mimeo.com ; 7/12/2001; 2pp.	
		Vistaprint; http://web.archive.org/web/20010515224625/www.vistaprint.co.uk ; 3/9/2001; 2pp.	
		Weprintcolour; http://web.archive.org/web/20010721135726... ; 9/24/2001; 4pp.	
		Definition of "hot link"; www.webopedia.com ; 2004; 2 pp.	
		Communication Networks: Fundamental Concepts and Key Architectures; Leo-Garcia, A.; McGraw-Hill 2nd Ed.; 2000-2004; pp 52-59	
		"ITEC Positions Its Embedded Controller Technology to Address the Growing Internet Appliance Marketplace"; Business Editors' Business Wire; 2/28/2000; 3 pp.	

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